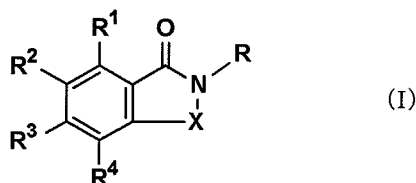


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended): A ~~medicament having inhibitory activity against~~ method for inhibiting hematopoietic prostaglandin D2 (PGD2) synthase in a mammal, which comprises ~~as an active ingredient administering an effective amount of~~ a substance selected from the group consisting of a compound represented by the following general formula (I), and a pharmacologically acceptable salt thereof, and a hydrate thereof, and a solvate thereof:

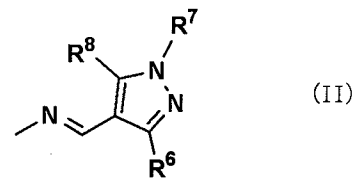


wherein X represents a group represented by the formula  $-\text{N}=\text{C}(\text{R}^5)-[[[]]$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom $[[[]]$ , or the formula  $-\text{NH}-\text{CH}(\text{R}^5)-[[[]]$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom $[[[]]$ ,

$\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ , and  $\text{R}^4$  independently represent a hydrogen atom, a halogen atom, a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted, or a hydroxy group which may be substituted,

$\text{R}^5$  represents a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted, or a  $\text{C}_6$  to  $\text{C}_{10}$  aryl group which may be substituted,

R represents ~~an amino group which may be substituted~~ a group represented by the following general formula (II):

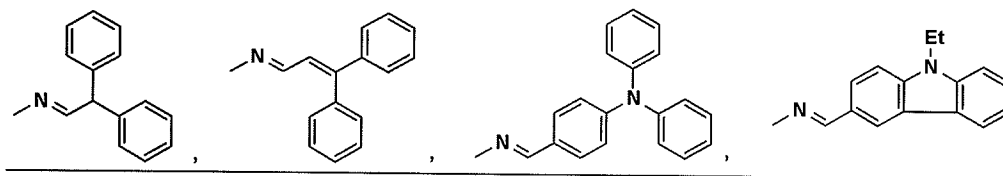


wherein  $R^6$  represents a  $C_1$  to  $C_{10}$  alkyl group which may be substituted, or a  $C_6$  to  $C_{10}$  aryl group which may be substituted,

$R^7$  represents a  $C_1$  to  $C_6$  alkyl group which may be substituted, or a  $C_6$  to  $C_{10}$  aryl group which may be substituted,

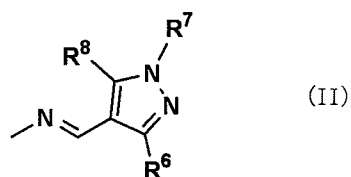
$R^8$  represents a halogen atom, hydroxy group, or a  $C_1$  to  $C_6$  alkoxy group which may be substituted;

or the groups represented by the following formulas,



to a mammal.

2. (Currently Amended): The medicament method according to claim 1, wherein R is a group represented by the following general formula (II):



wherein  $R^6$  represents a  $C_1$  to  $C_{10}$  alkyl group which may be substituted, or a  $C_6$  to  $C_{10}$  aryl group which may be substituted,

R<sup>7</sup> represents a C<sub>1</sub> to C<sub>6</sub> alkyl group which may be substituted, or a C<sub>6</sub> to C<sub>10</sub> aryl group which may be substituted,

R<sup>8</sup> represents a halogen atom, hydroxy group, or a C<sub>1</sub> to C<sub>6</sub> alkoxy group which may be substituted.

3. (Currently Amended): The ~~medicament~~ method according to claim 1, wherein X is a group represented by the formula  $\text{—N=C(R}^5\text{)—}[[\text{ }]]$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom $[[\text{ }]]$ .

4. (Currently Amended): The ~~medicament~~ method according to claim 1, wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently represent a hydrogen atom, a halogen atom, a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a C<sub>1</sub> to C<sub>6</sub> alkoxy group.

5. (Currently Amended): The ~~medicament~~ method according to claim 1, wherein R<sup>5</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1 $[[\text{ }]]$ :

[Substituent Group  $\alpha$ -1] hydroxy group, C<sub>1</sub> to C<sub>6</sub> alkoxy group.

6. (Currently Amended): The ~~medicament~~ method according to claim 2, wherein R<sup>6</sup> is a C<sub>1</sub> to C<sub>10</sub> alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -2, or a phenyl group which may be substituted with a C<sub>1</sub> to C<sub>6</sub> alkyl group $[[\text{ }]]$ :

[Substituent Group  $\alpha$ -2] halogen atoms, carboxy group, carbamoyl group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group.

7. (Currently Amended): The ~~medicament~~ method according to claim 2, wherein R<sup>7</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -3[[.]] :

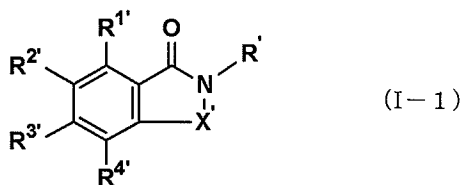
[Substituent Group  $\alpha$ -3] halogen atoms, C<sub>1</sub> to C<sub>6</sub> alkyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy group, nitro group.

8. (Currently Amended): The ~~medicament~~ method according to claim 2, wherein R<sup>8</sup> is a halogen atom, hydroxy group, or a C<sub>1</sub> to C<sub>6</sub> alkoxyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -4[[.]] :

[Substituent Group  $\alpha$ -4] carboxy group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group.

9-11. (Canceled)

12. (Currently Amended): A compound represented by the general formula (I-1) or a salt thereof, or a hydrate thereof or a solvate thereof:



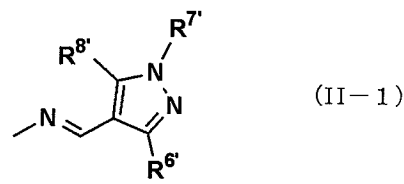
wherein X' represents a group represented by the formula  $\text{—N=C(R}^{5'}\text{)—}[[\text{.}]]$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the

nitrogen atom[ $\square$ ]], or the formula  $-\text{NH}-\text{CH}(\text{R}^{5'})-\square$  wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom[ $\square$ ]],

$\text{R}^{1'}$ ,  $\text{R}^{2'}$ ,  $\text{R}^{3'}$ , and  $\text{R}^{4'}$  independently represent a hydrogen atom, a halogen atom, a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted, or a hydroxy group which may be substituted,

$\text{R}^{5'}$  represents a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted, or a  $\text{C}_6$  to  $\text{C}_{10}$  aryl group which may be substituted,

$\text{R}'$  represents ~~an amino group which may be substituted~~ a group represented by the following general formula (II-1):

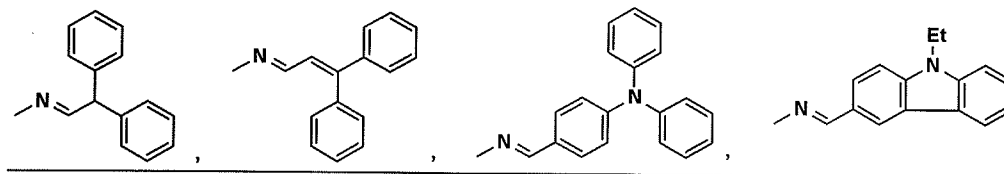


wherein  $\text{R}^{6'}$  represents a  $\text{C}_1$  to  $\text{C}_{10}$  alkyl group which may be substituted, or a phenyl group which may be substituted with a  $\text{C}_1$  to  $\text{C}_6$  alkyl group.

$\text{R}^{7'}$  represents a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted, or a  $\text{C}_6$  to  $\text{C}_{10}$  aryl group which may be substituted,

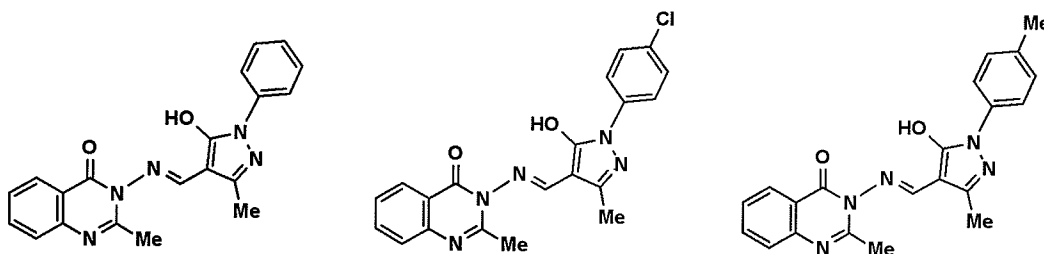
$\text{R}^{8'}$  represents a halogen atom, hydroxy group, or a  $\text{C}_1$  to  $\text{C}_6$  alkoxy group which may be substituted;

or the groups represented by the following formulas,

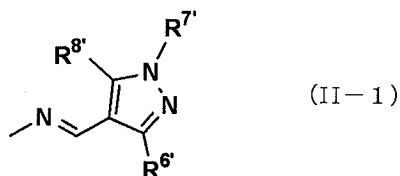


provided that the compounds represented by the following compound group  $\beta$  are excluded[[.]] :

[Compound group  $\beta$ ]



13. (Original): The compound according to claim 12 or a salt thereof, or a hydrate thereof or a solvate thereof, wherein  $R'$  is represented by the following general formula (II-1):



wherein  $R^{6'}$  represents a  $C_1$  to  $C_{10}$  alkyl group which may be substituted, or a phenyl group which may be substituted with a  $C_1$  to  $C_6$  alkyl group,

$R^{7'}$  represents a  $C_1$  to  $C_6$  alkyl group which may be substituted, or a  $C_6$  to  $C_{10}$  aryl group which may be substituted,

$R^{8'}$  represents a halogen atom, hydroxy group, or a  $C_1$  to  $C_6$  alkoxy group which may be substituted.

14. (Currently Amended): The ~~medicament~~ method according to claim 2, wherein X is a group represented by the formula  $\text{—N=C(R}^5\text{)—}[\text{[]}]$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom $[\text{[]}]$ .

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently represent a hydrogen atom, a halogen atom, a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a C<sub>1</sub> to C<sub>6</sub> alkoxy group.

R<sup>5</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group which may be substituted with a group selected from the following substituent group α-1, or a phenyl group which may be substituted with a group selected from the following substituent group α-1.

R<sup>6</sup> is a C<sub>1</sub> to C<sub>10</sub> alkyl group which may be substituted with a group selected from the following substituent group α-2, or a phenyl group which may be substituted with a C<sub>1</sub> to C<sub>6</sub> alkyl group.

R<sup>7</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a phenyl group which may be substituted with a group selected from the following substituent group α-3.

R<sup>8</sup> is a halogen atom, hydroxy group, or a C<sub>1</sub> to C<sub>6</sub> alkoxyl group which may be substituted with a group selected from the following substituent group α-4:

[Substituent Group α-1] hydroxy group, C<sub>1</sub> to C<sub>6</sub> alkoxy group

[Substituent Group α-2] halogen atoms, carboxy group, carbamoyl group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group

[Substituent Group α-3] halogen atoms, C<sub>1</sub> to C<sub>6</sub> alkyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy group, nitro group

[Substituent Group α-4] carboxy group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group.

## 15-20 (Canceled)

21. (New): The method according to claim 1, wherein X is a group represented by the formula  $\text{—NH—CH(R}^5\text{)—}$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom.

22. (New): The method according to claim 2, wherein X is a group represented by the formula  $\text{—NH—CH(R}^5\text{)—}$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom,

$\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ , and  $\text{R}^4$  independently represent a hydrogen atom, a halogen atom, a  $\text{C}_1$  to  $\text{C}_6$  alkyl group, or a  $\text{C}_1$  to  $\text{C}_6$  alkoxy group,

$\text{R}^5$  is a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1,

$\text{R}^6$  is a  $\text{C}_1$  to  $\text{C}_{10}$  alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -2, or a phenyl group which may be substituted with a  $\text{C}_1$  to  $\text{C}_6$  alkyl group,

$\text{R}^7$  is a  $\text{C}_1$  to  $\text{C}_6$  alkyl group, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -3,

$\text{R}^8$  is a halogen atom, hydroxy group, or a  $\text{C}_1$  to  $\text{C}_6$  alkoxy group which may be substituted with a group selected from the following substituent group  $\alpha$ -4:

[Substituent Group  $\alpha$ -1] hydroxy group,  $\text{C}_1$  to  $\text{C}_6$  alkoxy group



[Substituent Group  $\alpha$ -2] halogen atoms, carboxy group, carbamoyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy carbonyl group

[Substituent Group  $\alpha$ -3] halogen atoms, C<sub>1</sub> to C<sub>6</sub> alkyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy group, nitro group

[Substituent Group  $\alpha$ -4] carboxy group, C<sub>1</sub> to C<sub>6</sub> alkoxy carbonyl group.

23. (New): A method for preventive and/or therapeutic treatment of one or more diseases selected from the group consisting of allergic disease, allergic inflammatory disease, and asthma in a mammal, which comprises the step of administering a preventively and/or therapeutically effective amount of the compound according to claim 12 to a mammal.

24. (New): A method for preventing the aggravation of brain damage and/or for improving the prognosis of brain damage in a mammal, which comprises the step of administering an effective amount of the compound according to claim 12 to a mammal.

25. (New): A method for cerebroprotection in a mammal, which comprises the step of administering an effective amount of the compound according to claim 12 to a mammal.

26. (New): A method for regulating biological actions selected from the group consisting of estrous cycle, sleep, body temperature, pain sensation, and olfaction in a

mammal, which comprises the step of administering a prophylactically and/or therapeutically effective amount of the compound according to claim 12 to a mammal.

27. (New): The compound according to claim 12 or a salt thereof, or a hydrate thereof or a solvate thereof, wherein X' is a group represented by the formula  $-\text{N}=\text{C}(\text{R}^{5'})-$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom.

28. (New): The compound according to claim 13 or a salt thereof, or a hydrate thereof or a solvate thereof, wherein X' is a group represented by the formula  $-\text{N}=\text{C}(\text{R}^{5'})-$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom,

$\text{R}^{1'}$ ,  $\text{R}^{2'}$ ,  $\text{R}^{3'}$ , and  $\text{R}^{4'}$  independently represent a hydrogen atom, a halogen atom, a  $\text{C}_1$  to  $\text{C}_6$  alkyl group, or a  $\text{C}_1$  to  $\text{C}_6$  alkoxy group,

$\text{R}^{5'}$  is a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1,

$\text{R}^{6'}$  is a  $\text{C}_1$  to  $\text{C}_{10}$  alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -2, or a phenyl group which may be substituted with a  $\text{C}_1$  to  $\text{C}_6$  alkyl group,

$\text{R}^{7'}$  is a  $\text{C}_1$  to  $\text{C}_6$  alkyl group, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -3,

R<sup>8'</sup> is a halogen atom, hydroxy group, or a C<sub>1</sub> to C<sub>6</sub> alkoxyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -4:

[Substituent Group  $\alpha$ -1] hydroxy group, C<sub>1</sub> to C<sub>6</sub> alkoxy group

[Substituent Group  $\alpha$ -2] halogen atoms, carboxy group, carbamoyl group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group

[Substituent Group  $\alpha$ -3] halogen atoms, C<sub>1</sub> to C<sub>6</sub> alkyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy group, nitro group

[Substituent Group  $\alpha$ -4] carboxy group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group.

29. (New): The compound according to claim 12 or a salt thereof, or a hydrate thereof or a solvate thereof, wherein X' is a group represented by the formula  $-\text{NH}-\text{CH}(\text{R}^{5'})-$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom.

30. (New): The compound according to claim 13 or a salt thereof, or a hydrate thereof or a solvate thereof, wherein X' is a group represented by the formula  $-\text{NH}-\text{CH}(\text{R}^{5'})-$ , wherein a bond at the left end binds to the benzene ring and a bond at the right end binds to the nitrogen atom,

R<sup>1'</sup>, R<sup>2'</sup>, R<sup>3'</sup>, and R<sup>4'</sup> independently represent a hydrogen atom, a halogen atom, a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a C<sub>1</sub> to C<sub>6</sub> alkoxy group,

R<sup>5'</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -1,

R<sup>6'</sup> is a C<sub>1</sub> to C<sub>10</sub> alkyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -2, or a phenyl group which may be substituted with a C<sub>1</sub> to C<sub>6</sub> alkyl group,

R<sup>7'</sup> is a C<sub>1</sub> to C<sub>6</sub> alkyl group, or a phenyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -3,

R<sup>8'</sup> is a halogen atom, hydroxy group, or a C<sub>1</sub> to C<sub>6</sub> alkoxyl group which may be substituted with a group selected from the following substituent group  $\alpha$ -4:

[Substituent Group  $\alpha$ -1] hydroxy group, C<sub>1</sub> to C<sub>6</sub> alkoxy group

[Substituent Group  $\alpha$ -2] halogen atoms, carboxy group, carbamoyl group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group

[Substituent Group  $\alpha$ -3] halogen atoms, C<sub>1</sub> to C<sub>6</sub> alkyl group, C<sub>1</sub> to C<sub>6</sub> alkoxy group, nitro group

[Substituent Group  $\alpha$ -4] carboxy group, C<sub>1</sub> to C<sub>6</sub> alkoxycarbonyl group.